



Title: FREEZE CONCENTRATION PROCESS
Inventor: Claude Jarakae Jensen
Reply to Office Action Dated: May 4, 2004 Amdt Dated: July 30, 2004
Docket No.: 10209.388 Serial No.: 10/044,158
REPLACEMENT SHEET

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|-------------------------------|-----------------------------|
| Melting point 1 atm | 0.000°C |
| Boiling point 1 atm | 100.000°C |
| Critical temperature | 374.15°C |
| Critical pressure | 218.6 psm |
| Triple point | 0.0099°C and 4.579 mmHg |
| Heat of fusion at 0°C | 79.71 cal/g; 1.436 kcal/mol |
| Heat of vaporization at 100°C | 538.7 cal/g; 9.705 kcal/mol |
| Heat of sublimation at 0°C | 12.16 kcal/mol |

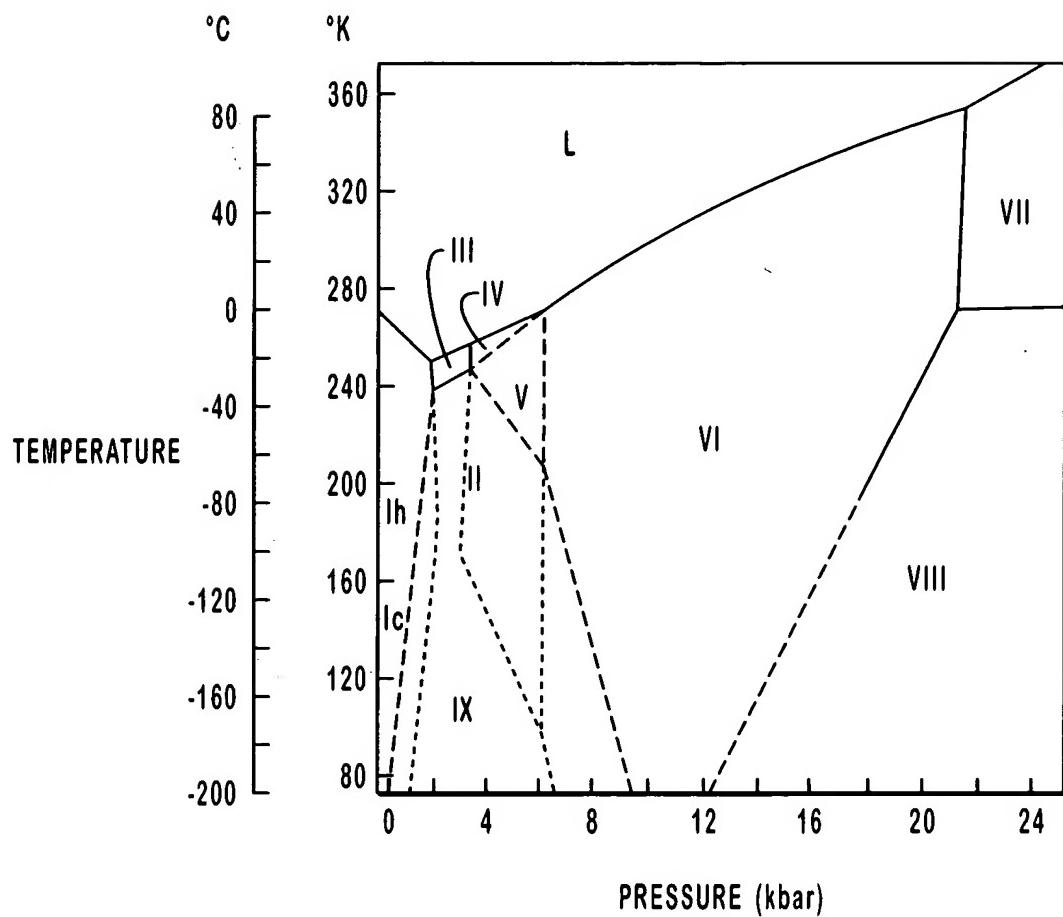
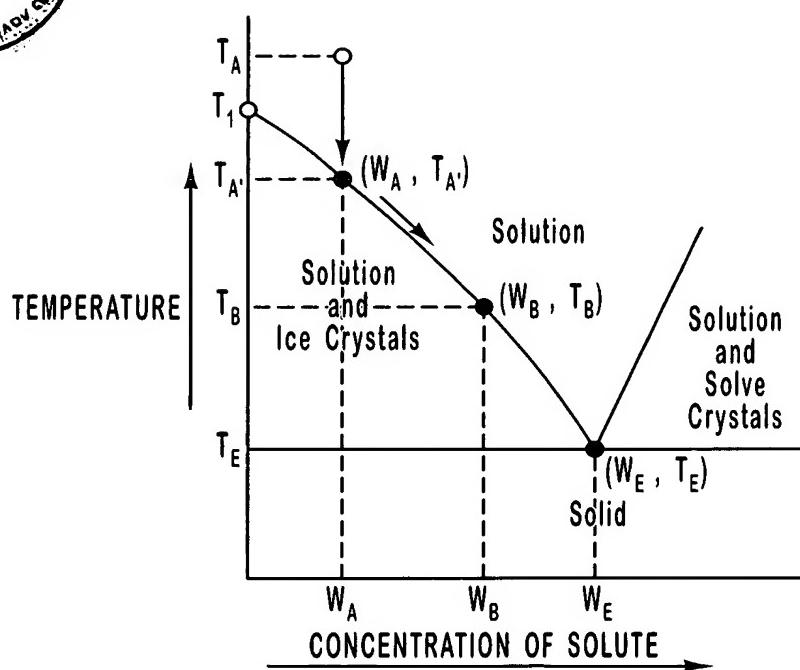


FIG. 1
(Prior Art)



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W_E Eutectic concentration
 T_E Eutectic temperature
 T_A Initial temperature of solution
 W_A Initial concentration of solution
 T_1 Freezing point of pure solvent
 T_A' Freezing point of solvent
 W_B Final concentration of solution
 T_B Final temperature of solution

FIG. 2
(Prior Art)